FIG. 1

FIG. 2

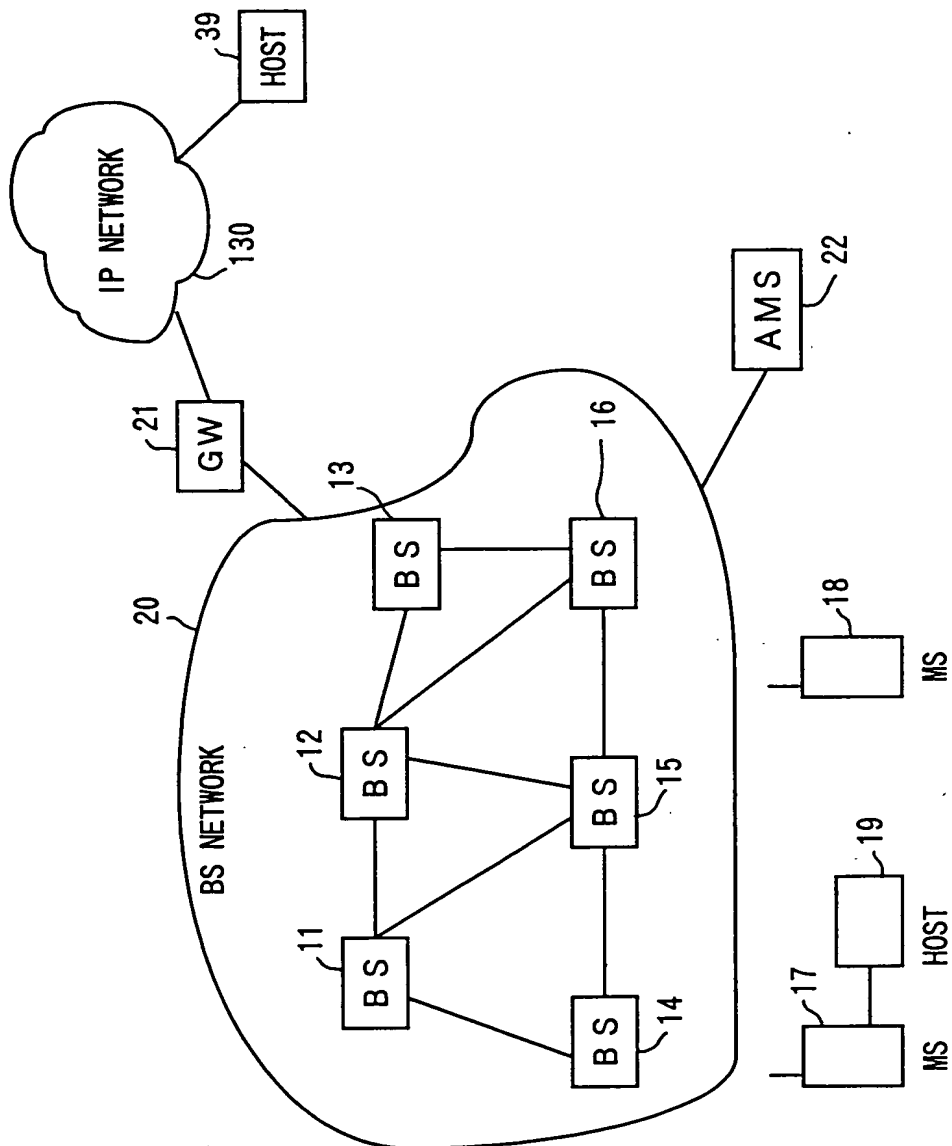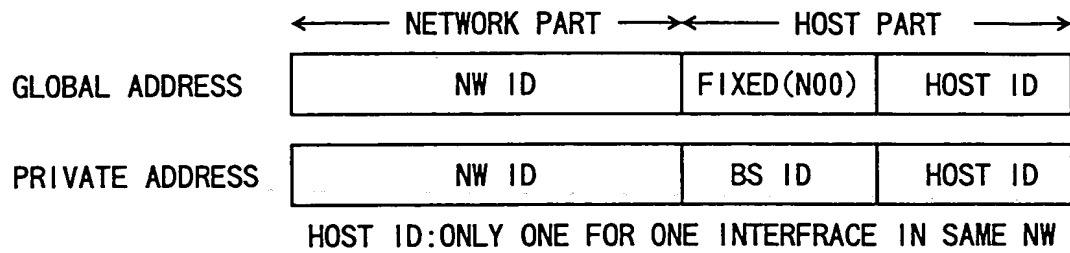|	← NETWORK PART →	← HOST PART →	
GLOBAL ADDRESS	NW ID	FIXED(N00)	HOST ID
PRIVATE ADDRESS	NW ID	BS ID	HOST ID

HOST ID : ONLY ONE FOR ONE INTERFRACE IN SAME NW

FIG. 3

FIG. 3A

FIG. 3B

FIG. 3A

AT TIME OF STARTING
COMMUNICATION

D	S
N00/H02	N00/H01

MS 40

HOST ID:H01

30

BS
BS ID:B01

50

D	S
A01/H02	B01/H01

①

ADDRESS CONVERSION TABLE

HOST ID	BELONGING BS ID
H01	B01
H02	?

FIG. 3B

ADDRESS CONVERSION TABLE

HOST ID	BELONGING BS ID
H01	B01
H02	B02

ADDRESS MANAGEMENT TABLE

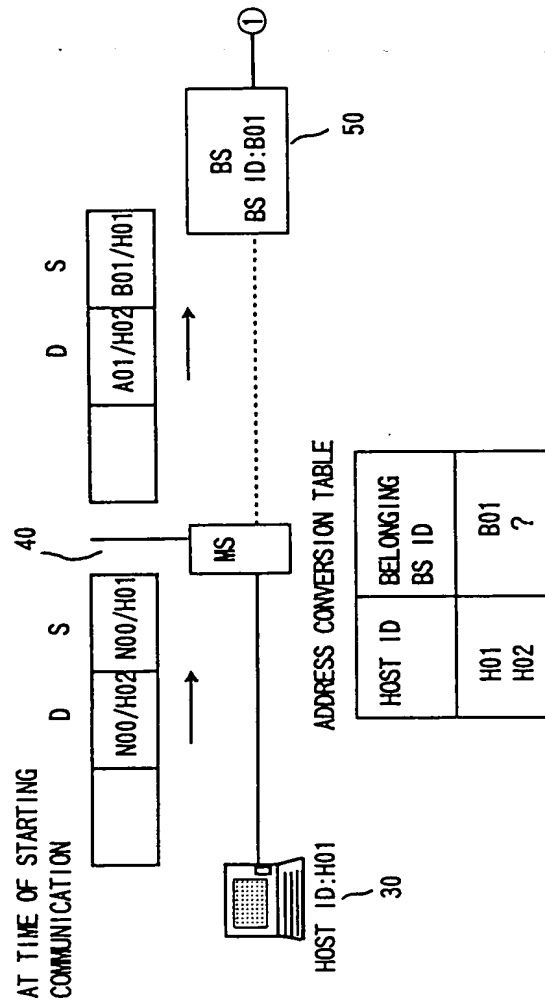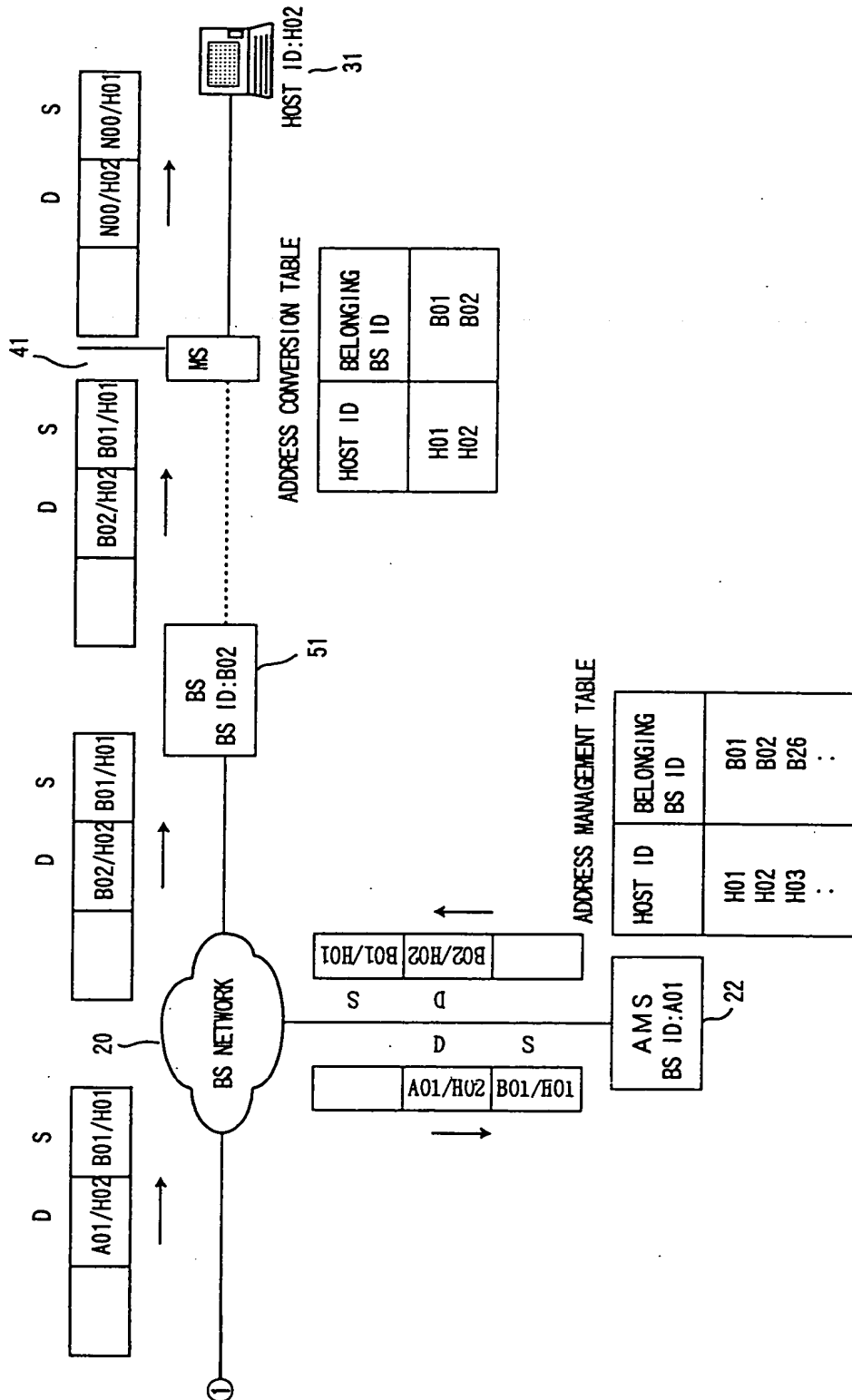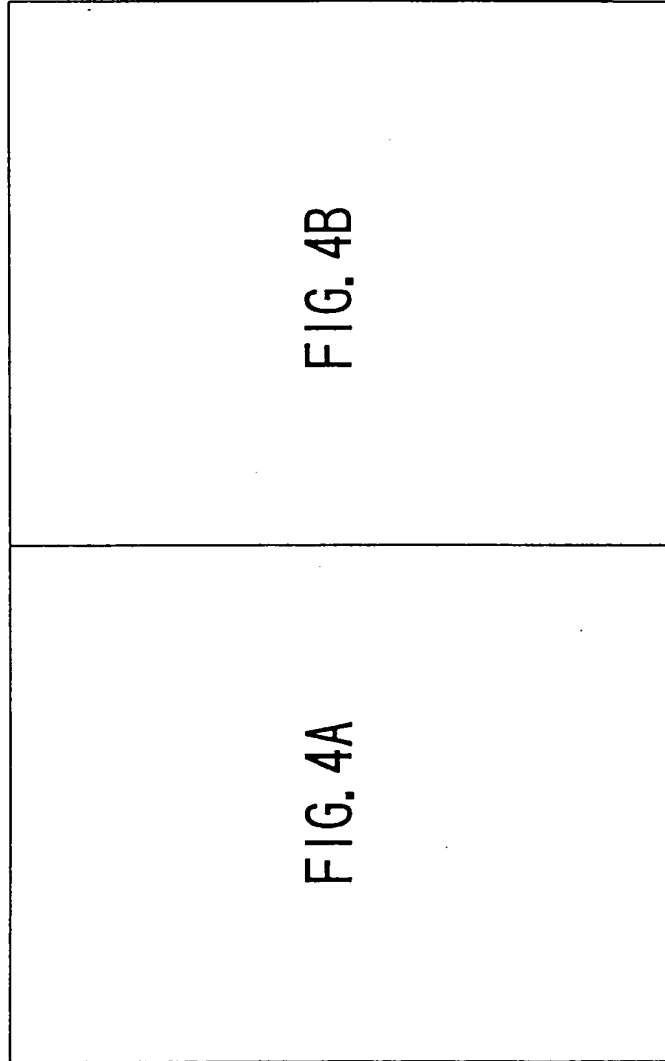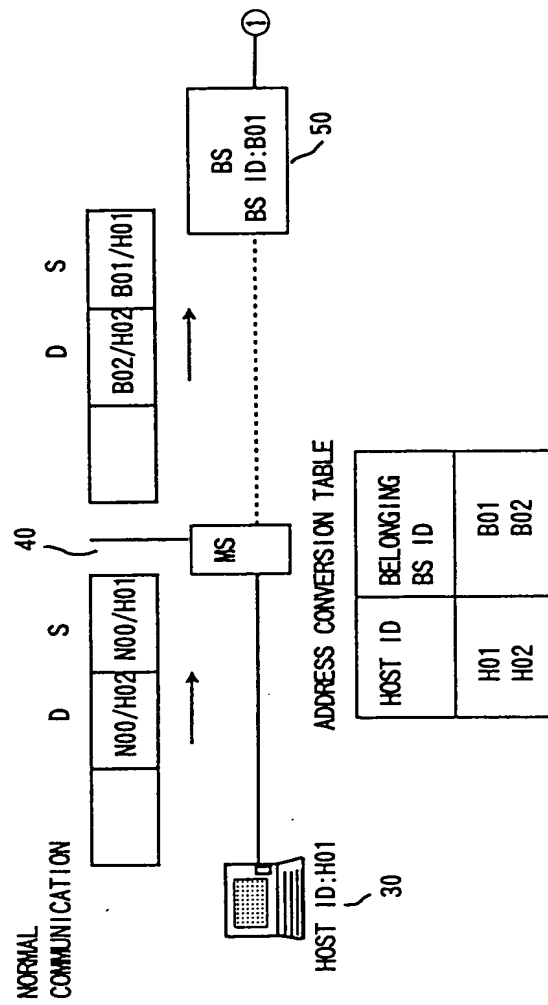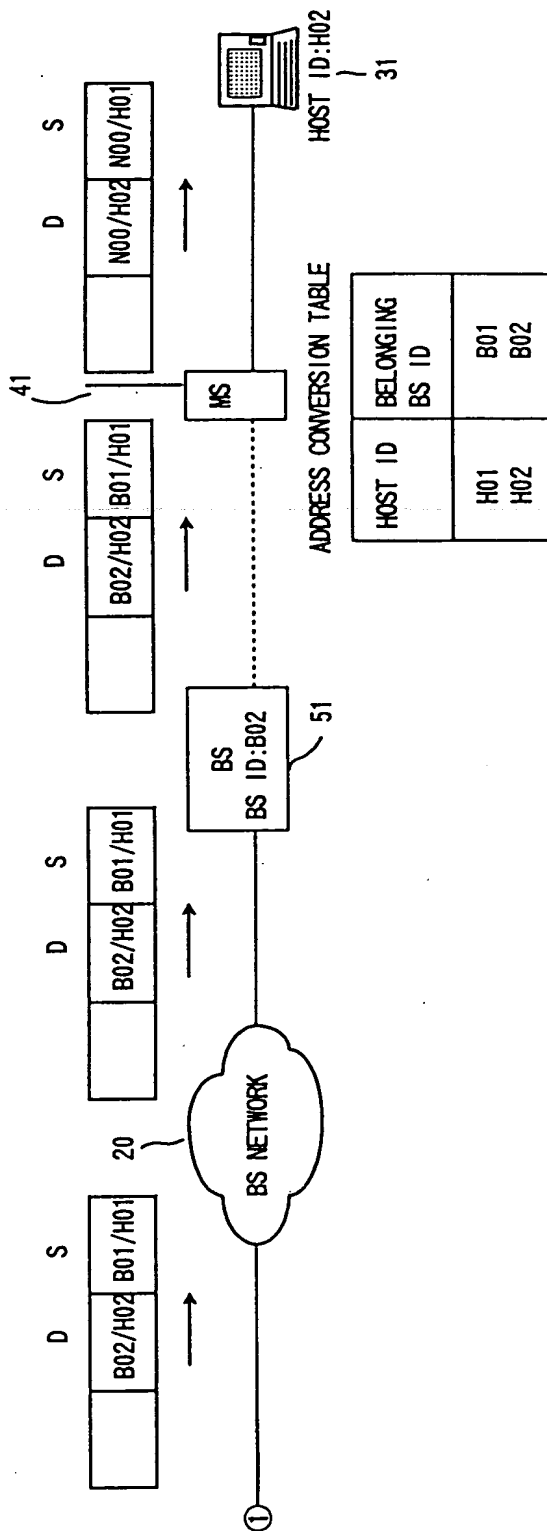| HOST ID	BELONGING BS ID
H01	B01
H02	B02
H03	B26
··	··

FIG. 4

FIG. 4A

FIG. 4B

FIG. 4A

FIG. 4B

FIG. 5

FIG. 5A

FIG. 5B

FIG. 5A

IN CASE OF SWITCHING OF BS
TRANSMISSION-END MS BELONGS TO INTO
OTHER BS

	D		S
	B02/H02	B01/H01	

50₁ — BS BS ID:B01 ①

50₂ — BS BS ID:B03 ②

40 — MS

	D		S
	N00/H02	N00/H01	

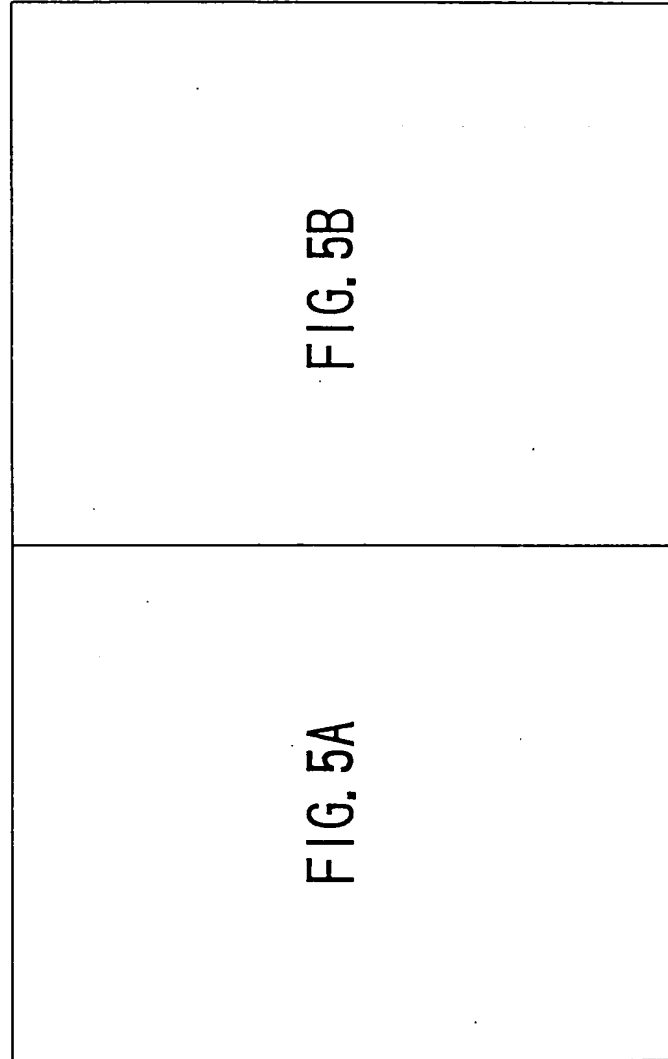ADDRESS CONVERSION TABLE

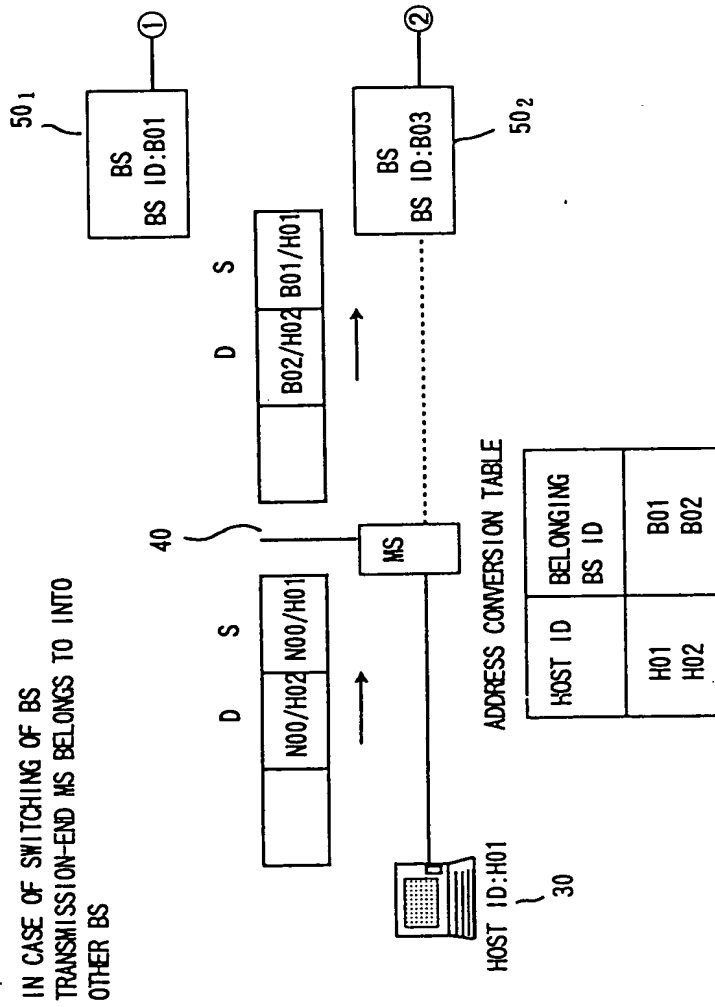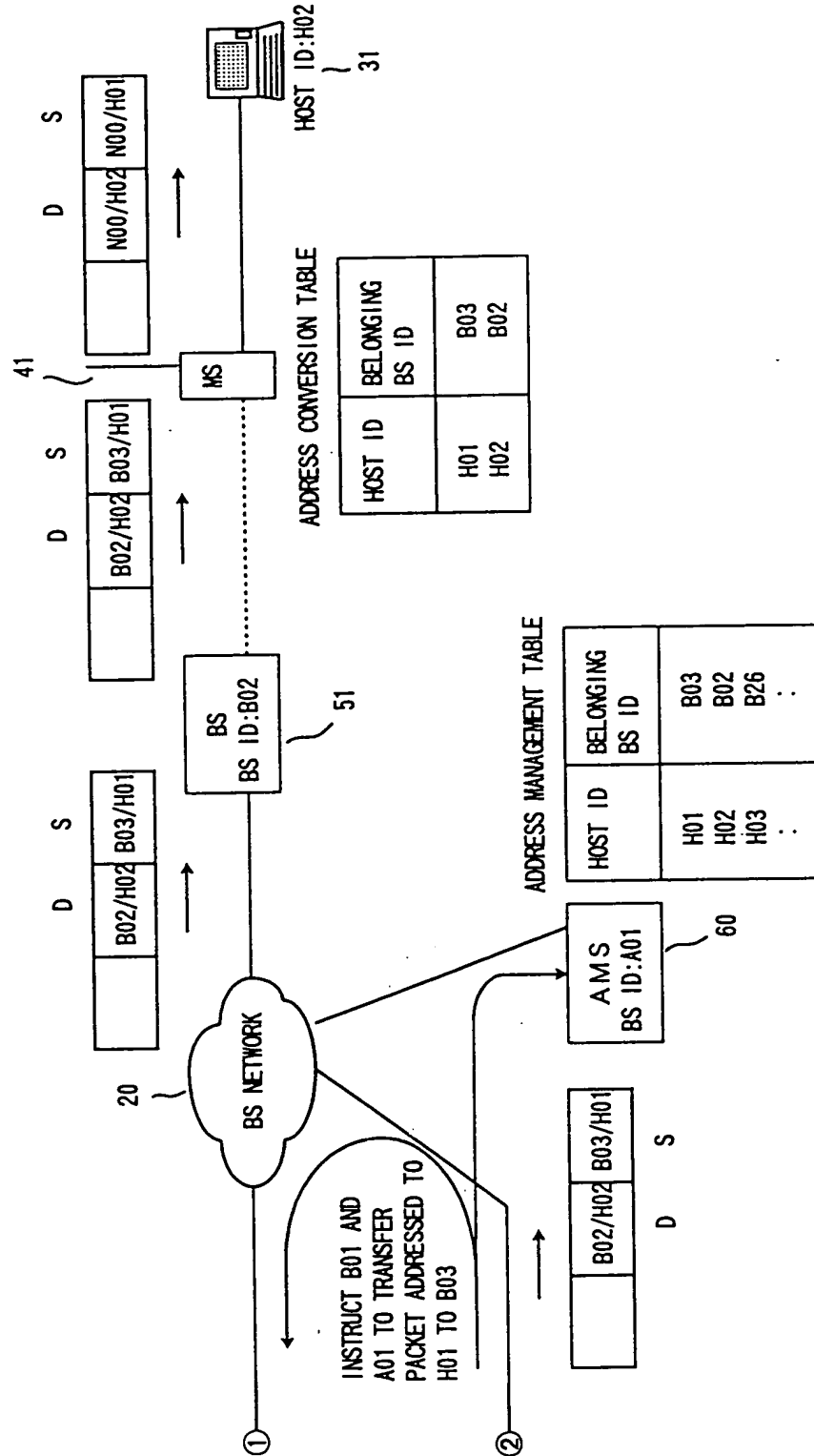| HOST ID	BELONGING BS ID
H01	B01
H02	B02

HOST ID:H01

30

FIG. 5B

FIG. 6

FIG. 6A

FIG. 6B

FIG. 6A

IN CASE OF SWITCHING OF BS
DESTINATION MS BELONGS TO
INTO OTHER BS

HOST ID	BELONGING BS ID
H01	B01
H02	B02

ADDRESS CONVERSION TABLE

FIG.6B

ADDRESS CONVERSION TABLE
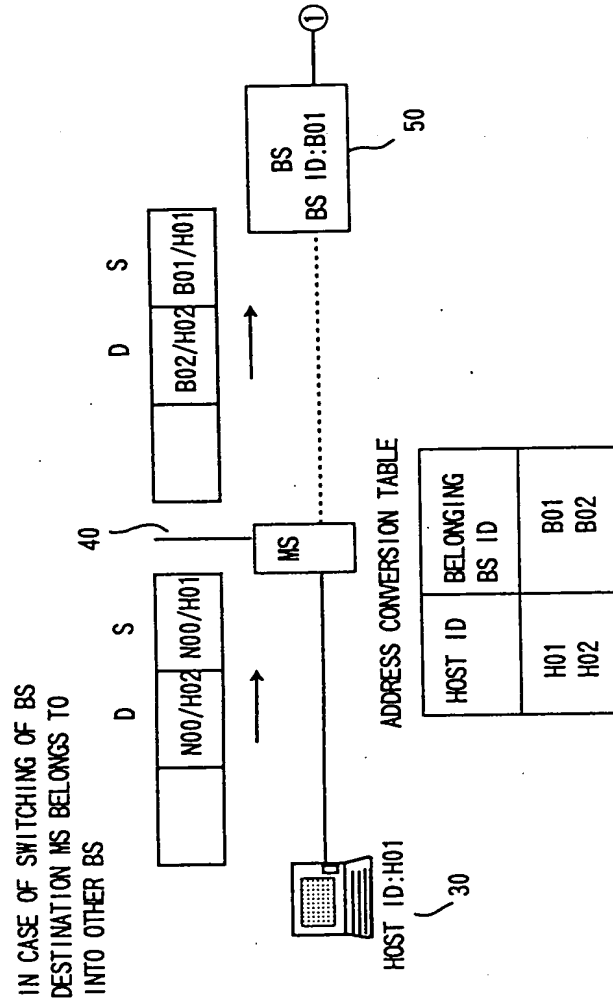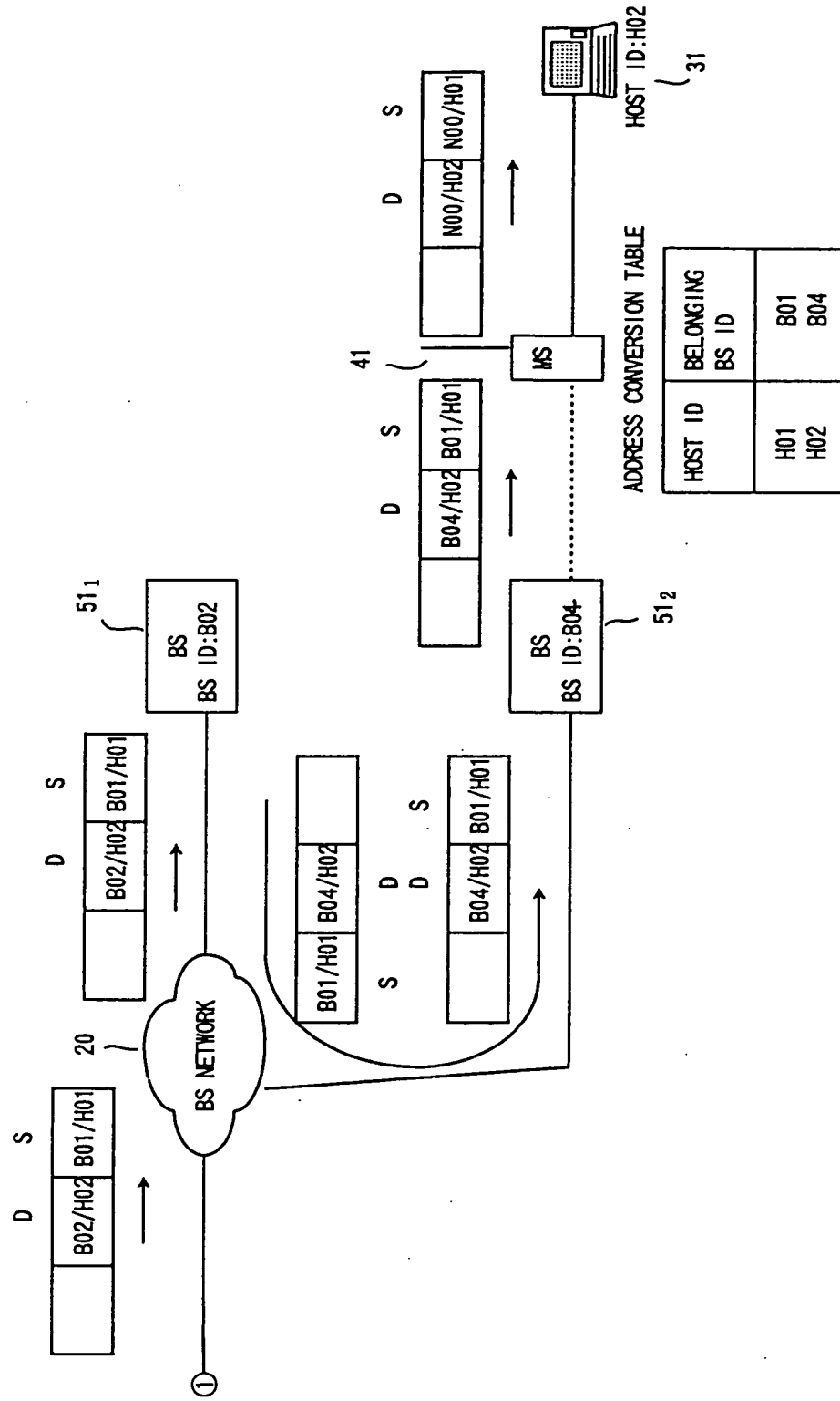
HOST ID	BELONGING BS ID
H01	B01
H02	B04

FIG. 7

FIG. 7A

FIG. 7B

FIG. 7A

IN CASE WHERE DESTINATION
IS IN EXTERNAL IP NETWORK

BS NETWORK

20

50

BS
BS ID:B01

MS

40

HOST ID:H01

30

D	Hxx	S	B01/H01

D	Hxx	S	B01/H01

D	Hxx	S	N00/H01

ADDRESS MANAGEMENT TABLE

HOST ID	BELONGING BS ID
H01	B01
Hxx	G01

FIG. 7B

ADDRESS CONVERSION TABLE

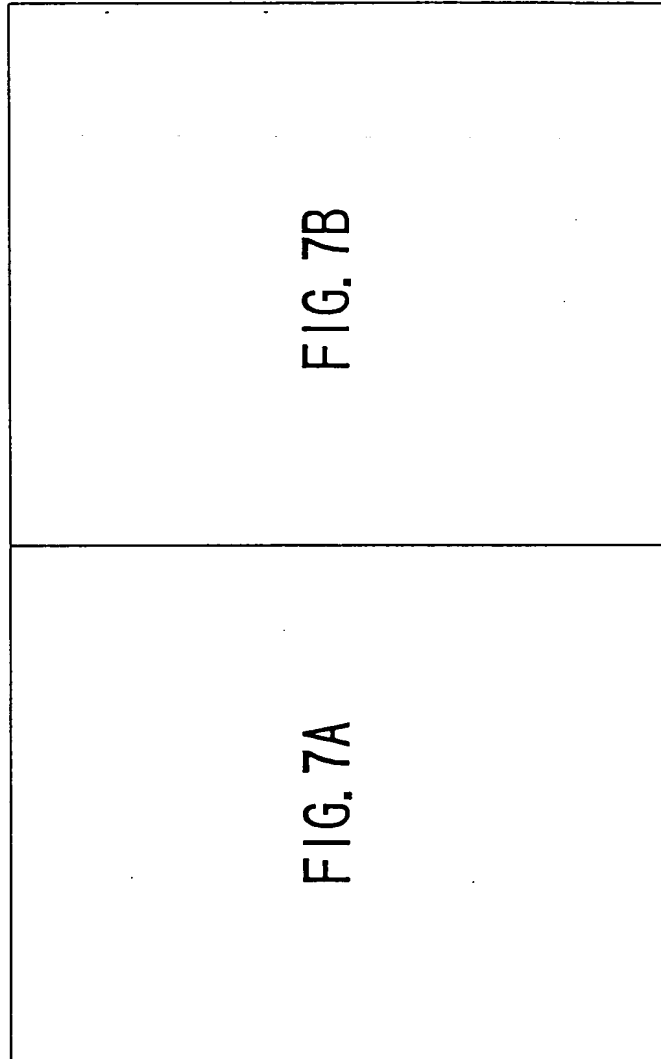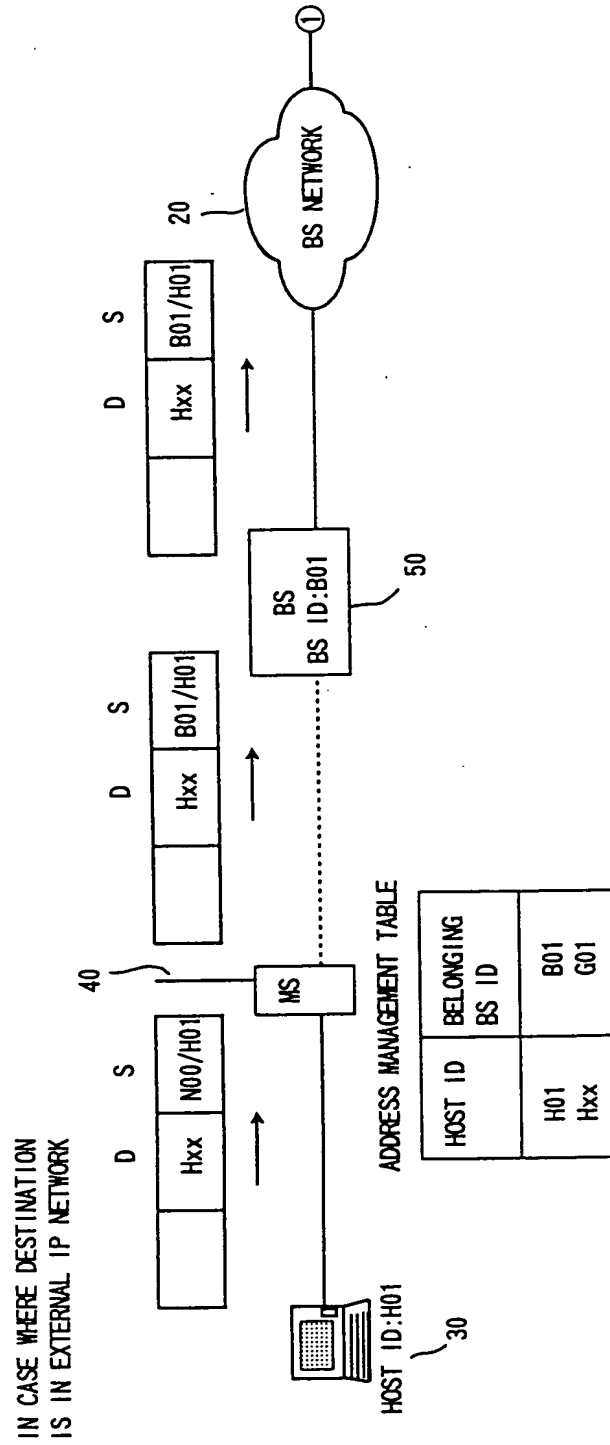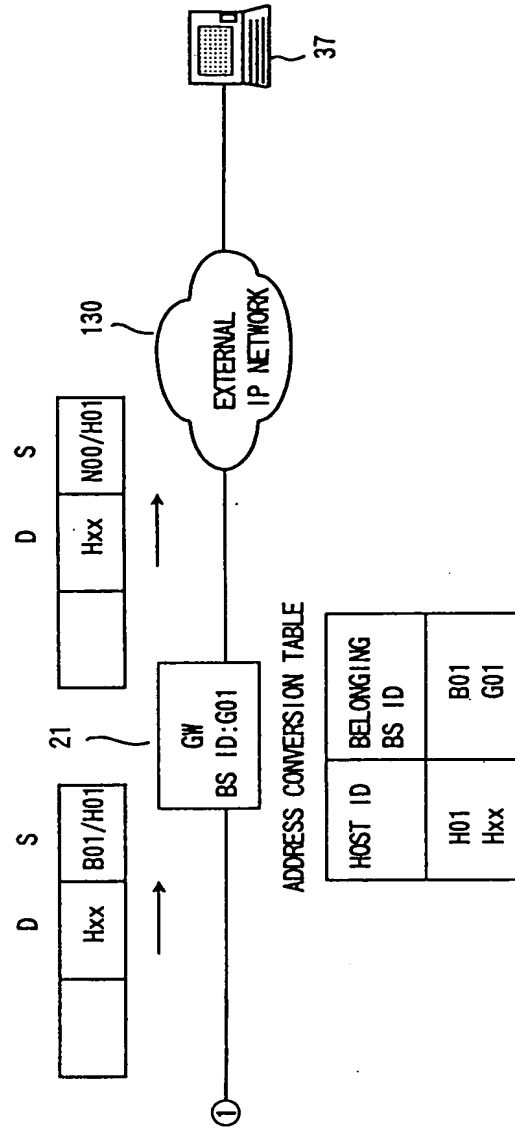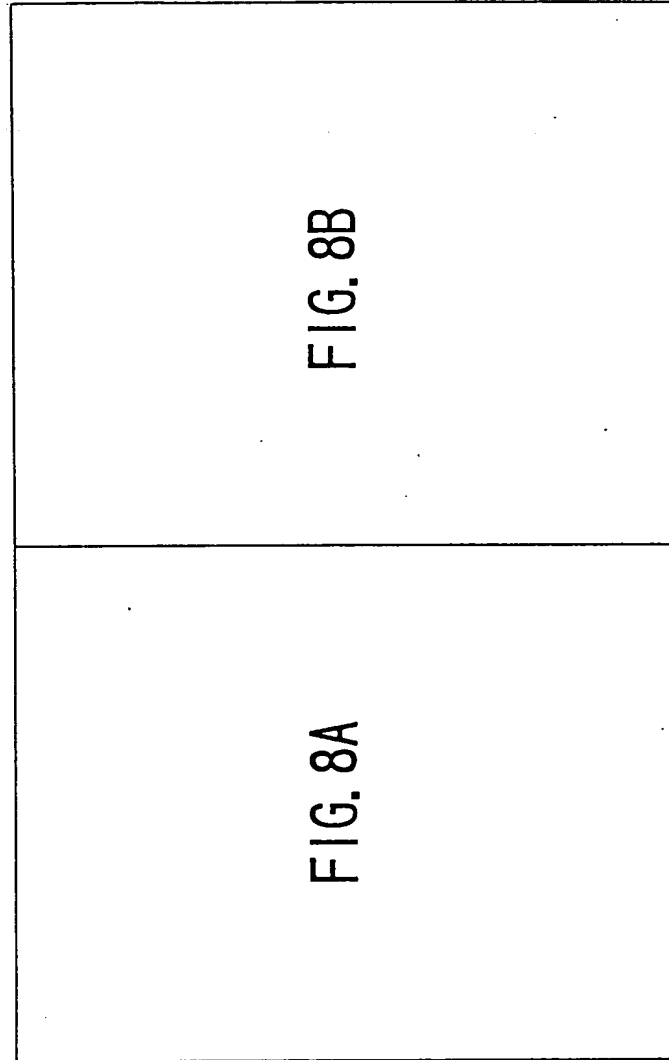| HOST ID	BELONGING BS ID
H01	B01
Hxx	G01

FIG. 8

FIG. 8B

FIG. 8A

FIG. 8A

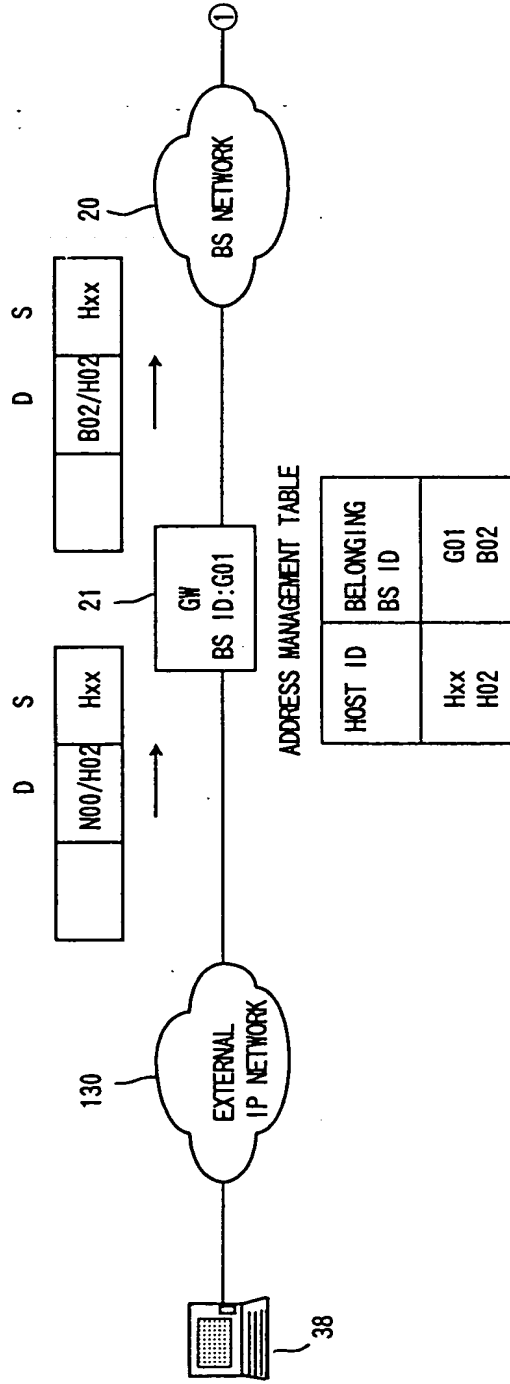IN CASE WHERE TRANSMISSION
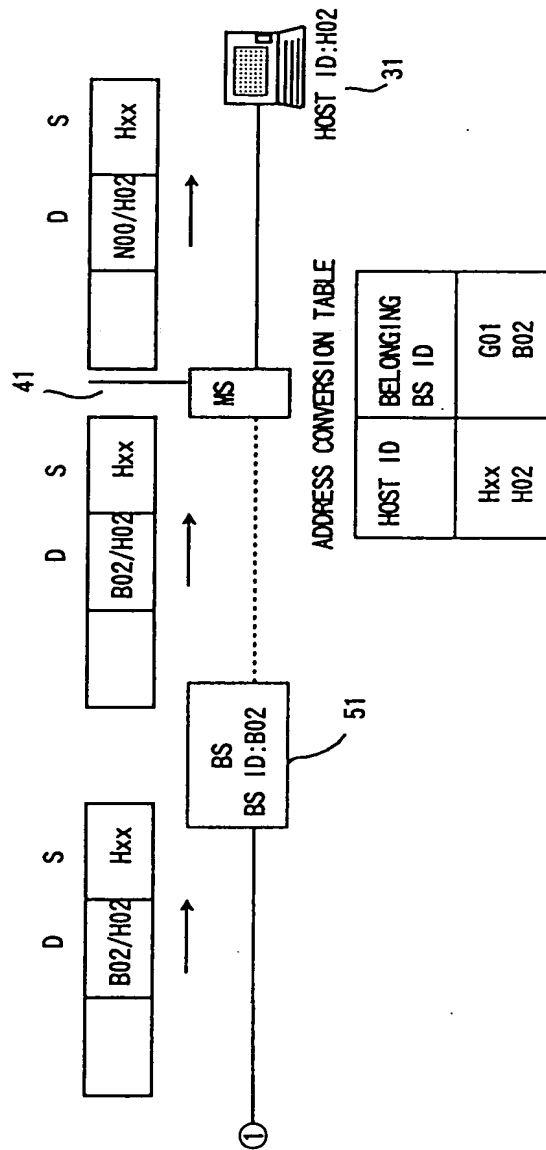SOURCE IS IN EXTERNAL IP NETWORK

D   S
| | B02/H02 | Hxx |

20 BS NETWORK ①

21 GW
BS ID:G01

D   S
| | N00/H02 | Hxx |

130 EXTERNAL
IP NETWORK

38

ADDRESS MANAGEMENT TABLE

HOST ID	BELONGING BS ID
Hxx	G01
H02	B02

FIG. 8B

FIG. 9